




DEPARTMENT OF PHYSICS
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	Dr.	First Name	KAMAL KUMAR	Last Name	VERMA	Photograph
Designation	Assistant Professor					
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Educational Qualifications						
Degree	Institution				Year	
Ph.D.	MNIT, RAJASTHAN UNIVERSITY, JAIPUR, RAJASTHAN				2005	
M.Phil.	M.D.S. UNIVERSITY, AJMER, RAJASTHAN				1999	
M.Sc.	M.D.S. UNIVERSITY, AJMER, RAJASTHAN				1998	
B.Sc.	M.D.S. UNIVERSITY, AJMER, RAJASTHAN				1996	
Career Profile						
<ul style="list-style-type: none">❖ Working as an Assistant Professor in Department of Physics, Dyal Singh College, University of Delhi since 01 Aug 2011.❖ Worked as an Assistant Professor in Department of Physics, Miranda House from 17 Jan 2011 to 7 June 2011.						
Administrative Assignments (From 1 st July 2019 onwards)						
<ul style="list-style-type: none">❖ Member, Physics Society (COSMOS), Department of Physics, Dyal Singh College, University of Delhi (in academic sessions 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024).❖ Member, Admission Committee, Department of Physics, Dyal Singh College, University of Delhi (in academic sessions 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025).❖ Member, Mentor -Mentee Committee, Department of Physics, Dyal Singh College, University of Delhi (in academic session 2022-2023, 2023-2024, 2024-2025).❖ Member, Parent Teacher Association (PTA) Committee, Department of Physics, Dyal Singh College, University of Delhi (in academic session 2021-2022, 2023-2024, 2024-2025).❖ Member of Physics IQAC Committee, Department of Physics, Dyal Singh College, University of Delhi (in academic session 2022-2023, 2023-2024, 2024-2025).						

Areas of Interest / Specialization
❖ Microwave Electronics
Subjects Taught
1. Mechanics ❖ Electricity & Magnetism ❖ Thermal Physics & Statistical Mechanics ❖ Waves & Optics
Research Guidance
NO
Publications Profile
(Mention total no. and details from 1 st July 2019 onwards only) NO
Conference Organization/ Presentations (From 1 st July 2019 onwards)
<p style="text-align: center;"><u>Conferences/ Workshops/Refresher Courses/FDP Attended</u></p> ❖ Two-week Refresher Course in “Physics” Conducted by Teaching Learning Centre Ramanujan College, University of Delhi from 30 March – 12 April, 2024
❖ One week Faculty Development Programme on “Developing Moocs” Conducted by Teaching Learning Centre Ramanujan College, University of Delhi from 25 -31 December, 2023
❖ _Faculty Induction Programme for “NEP 2020 : Pedagogical imperatives of higher education” Conducted by University of Delhi on 01 December, 2023.
❖ Two-week Interdisciplinary Refresher Course in “Advanced Research Methodology” Conducted by Teaching Learning Centre Ramanujan College, University of Delhi from 21 November – 05 December, 2023
❖ Four week Faculty Induction/ Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” Conducted by Teaching Learning Centre Ramanujan College, University of Delhi from 21 August – 19 September, 2023

- ❖ **Four week Faculty Induction/ Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” Conducted by Teaching Learning Centre Ramanujan College, University of Delhi from 22 June - 21 July, 202**
- ❖ **One Week Faculty Development Programme on “ Principles of Radiation Detection and Measurement and Experimental Techniques.” conducted by IQAC, Ramjas College,University of Delhi from 03 to 09 April 2023.**
- ❖ **Workshop on “Optics, evolution and demo on assembly of Telescope” and “A night gazing session”conducted by IQAC, Gargi College and National Academy of Sciences India (NASI) on 17 Oct. 2022.**
- ❖ **Faculty Development Programme on “Research Techniques in Science and Technology” conducted by K.R. Mangalam University, Gurugram in collaboration with Gargi College, University of Delhi from 18 to 23 July 2022.**
- ❖ **One Week International Faculty Development Programme on “Materials Characterization : Experimental And Theoretical Aspects” conducted by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from 20 to 24 September 2021.**
- ❖ **One Week Interdisciplinary Faculty Development Programme on ‘Interdisciplinary Studies and Higher Education: Prospects and Challenges’ Conducted by Dyal Singh College, University of Delhi from 26 to 31 July 2021.**

Conferences/ Seminars/ Events/ Competitions organized

- ❖ **Organised Seminar on “Application of Plasma Physics in the biomedical and energy sector ” and Farewell function on 30th April, 2024 at Dyal Singh College (Member)**
- ❖ **Organised Seminar on “Nobel prize 2020 in Physics: Perspective of quantum black hole(s)” and Fresher’s welcome function on 16th Oct, 2023 at Dyal Singh College (Member)**
- ❖ **Organised Seminar on “Uncovering the Mysteries of Creation” and Farewell & Fresher’s welcome function on 12th April, 2023 at Dyal Singh College (Member)**
- ❖ **Organised LOGO designing Competition and Power Point Presentation Competition on 11th April, 2023 at Dyal Singh College (Member)**
- ❖ **Organised Poster making competition on 22nd Aug, 2023 at Dyal Singh College (Member)**
- ❖ **Organised Seminar on “Sustainable Energy Harvesting Using Photovoltaic” on 31st Jan, 2023 at Dyal Singh College (Member)**

- ❖ Organised Seminar on “Aspects of Light Measurement” on 21st April, 2022 at Dyal Singh College (Member)
- ❖ Organised Webinar on “How can theoretical physics help with pandemics?” on 11th March, 2022 at Dyal Singh College (Member)
- ❖ Organised Webinar on “Soft and squishy materials and how to think about them” on 11th Nov, 2021 at Dyal Singh College (Member)
- ❖ Organised one day seminar on “Synthesis and characterization of advanced functional materials” on 19th April, 2021 (in online mode) at Dyal Singh College (Member)
- ❖ Organized intra- college Power Point Presentation competition on various Physics topics on 29th January, 2020 at Dyal Singh College (Member)
- ❖ Organised seminar on ‘CLIMATE CHANGE’ on 13th Sep, 2019 at Dyal Singh College (Member)
- ❖ Organised a lecture by Prof. Ajoy K. Ghatak (Professor Retired, IIT Delhi) on “ $E = mc^2$ ” on 11th Feb, 2019 at Dyal Singh College (Member)
- ❖ Organised seminar on ‘WHAT IS A PHOTON?’, Power Point Presentation Competition and Poster making competition on 25th Feb, 2019 at Dyal Singh College (Member)

Research Projects (Major Grants/Research Collaboration) (From 1st July 2019 onwards)

NO

Awards and Distinctions (From 1st July 2019 onwards)

NO

Association With Professional Bodies

NO

Other Activities like MOOCs/ Patents etc. (From 1st July 2019 onwards)

NO



Signature of Faculty Member